

8CL5989
(GP1-0035)

CLAIMS

Please amend the claims as follows.

1. (cancelled)

2. (currently amended) The method of Claim ~~4~~18, wherein the ~~flame-retardant salt is~~concentrate further comprises a perfluoroalkane alkali metal, C₁-C₆ alkylammonium, or ammonium sulphonate.

3. (currently amended) The method of claim ~~4~~18, wherein the ~~concentrate further comprises a flame retardant salt, is~~wherein the flame retardant salt is sodium perfluoromethylbutane sulphonate, potassium perfluoromethylbutane sulphonate, tetraethyl ammonium perfluoromethylbutane sulphonate, sodium perfluoromethane sulphonate, potassium perfluoromethane sulphonate, tetraethyl ammonium perfluoromethane sulphonate, sodium perfluoroethane sulphonate, potassium perfluoroethane sulphonate, tetraethyl ammonium perfluoroethane sulphonate, sodium perfluoropropane sulphonate, potassium perfluoropropane sulphonate, tetraethyl ammonium perfluoropropane sulphonate, sodium perfluorohexane sulphonate, potassium perfluorohexane sulphonate, tetraethyl ammonium perfluorohexane sulphonate, sodium perfluoroheptane sulphonate, potassium perfluoroheptane sulphonate, tetraethyl ammonium perfluoroheptane sulphonate, sodium perfluorooctane sulphonate, potassium perfluorooctane sulphonate, tetraethyl ammonium perfluorooctane sulphonate, sodium perfluorobutane sulfonate, ~~potassium perfluorobutane sulfonate, tetraethyl ammonium perfluorobutane~~, sodium diphenylsulfone sulphonate, potassium diphenylsulfone sulphonate, tetraethyl ammonium diphenylsulfone sulphonate, or mixtures comprising at least one of the foregoing flame retardant salts.

4. (currently amended) The method of claim ~~4~~18, wherein the ~~concentrate further comprises~~flame retardant salt is ~~potassium perfluorobutane sulfonate, potassium diphenylsulfone sulphonate, or a mixture comprising at least one of the foregoing flame retardant salts.~~

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5 (cancelled)

6. (currently amended) The method of Claim 418, wherein the ~~flame-retardant salt~~ potassium perfluorobutane sulfonate is present in the concentrate in an amount from about 0.10 to about 5.0 weight percent based upon the total weight of the concentrate.

7. (currently amended) The method of Claim 418, wherein the first polycarbonate is the same as the second polycarbonate.

8. (currently amended) The method of Claim 418, wherein the ~~potassium perfluorobutane sulfonate~~ flame-retardant salt is present in the fire resistant polycarbonate composition in amounts of about 0.01 to about 1.0 weight percent based upon the total weight of the polycarbonate in the fire resistant polycarbonate composition.

9. (currently amended) The method of Claim 418, wherein the ~~potassium perfluorobutane sulfonate~~ flame-retardant salt is present in the fire resistant polycarbonate composition in amounts of about 0.05 to about 0.20 weight percent based upon the total weight of the polycarbonate in the fire resistant polycarbonate composition.

10. (currently amended) The method of Claim 418, wherein the ~~potassium perfluorobutane sulfonate~~ flame-retardant salt is present in the fire resistant polycarbonate composition in amounts of about 0.06 to about 0.12 weight percent based upon the total weight of the polycarbonate in the fire resistant polycarbonate composition.

11. (currently amended) The method of Claim 418, wherein the ~~potassium perfluorobutane sulfonate~~ flame-retardant salt is present in the fire resistant polycarbonate composition in amounts of about 0.08 to about 0.10 weight percent based upon the total weight of the polycarbonate in the fire resistant polycarbonate composition.

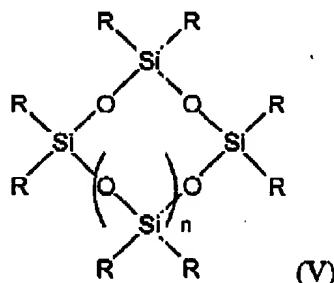
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12. (currently amended) The method of Claim ~~11~~18, further comprising blending with the concentrate and second polycarbonate a filler, reinforcing agent, heat stabilizer, antioxidant, light stabilizer, plasticizer, antistatic agent, mold releasing agent, additional resin, blowing agent or combinations comprising at least one of the foregoing.

13. (cancelled)

14. (currently amended) The method of claim ~~11~~18, wherein the cyclic siloxane is present in the ~~flame-fire~~ resistant polycarbonate composition in an amount from about 0.01 to about 0.5 parts per hundred parts by weight of the polycarbonate in the fire resistant polycarbonate composition~~total resin~~.

15. (currently amended) The method of claim ~~11~~18, wherein the cyclic siloxane has the general formula (V)



wherein n is 0–7 and each R is independently an alkyl group having from 1 to about 36 carbons, an alkoxy group having from 1 to about 36 carbons, a fluorinated or perfluorinated alkyl or alkoxy group having from 1 to about 36 carbons, an arylalkoxy group having from 7 to about 36 carbons, an aryl group having from 6 to about 14 carbons, an aryloxy group having from 6 to about 14 carbons, a fluorinated or perfluorinated aryl group having from 6 to about 14 carbons, or an alkylaryl group having from 7 to about 36 carbons.

16. (currently amended) The method of claim ~~11~~18, wherein the cyclic siloxane is octaphenylcyclotetrasiloxane, hexamethylcyclotrisiloxane, octamethylcyclotetrasiloxane, decamethylcyclopentasiloxane, dodecamethylcyclohexasiloxane, trimethyltriphenylcyclotrisiloxane, or tetramethyltetraphenylcyclotetrasiloxane.

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17. (currently amended) The method of claim ~~1~~18, wherein the cyclic siloxane is octaphenylcyclotetrasiloxane.

18. (new) A method for reducing haze in fire resistant polycarbonate compositions, comprising:

blending potassium perfluorobutane sulfonate with a first polycarbonate to produce a concentrate;

pelletizing the concentrate; and

blending the pelletized concentrate with a second polycarbonate and a cyclic siloxane to form a fire resistant polycarbonate composition.